

IMMUNIZATION REPORT FOR LONG TERM CARE FACILITIES: 2007

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Division of Community and Family Health Services
Bureau of Maternal and Child Health
Immunization Program

LONG TERM CARE FACILITIES*

Number of care facilities in Utah:	274
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Number of facilities that reported:	269	98.18%
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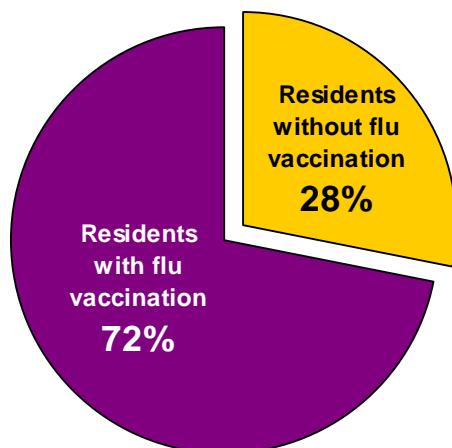
Number of facilities that didn't report:	5	1.82%
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* Long Term Care Facilities include: nursing homes, assisted living facilities, small care facilities and hospital swing beds.

RESIDENTS:

1. If the facility has long term care residents, provide the number of residents in the facility between October 1 and December 31, or if the facility or hospital contains swing beds or transitional care beds, provide the number of occupants of these beds between October 1 and December 31:	14,444
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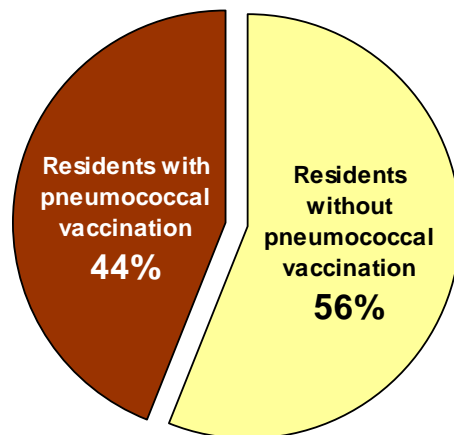
2. Number of residents/occupants who received an influenza vaccination this year between October 1 and December 31:	10,337	71.57%
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3. Are influenza vaccinations recommended to residents/occupants annually?	Yes	268	99.63%
	No	1	0.37%

4. Are all new residents/occupants screened for influenza vaccination throughout the flu season (October through March)?	Yes	238	88.48%
	No	31	11.52%

5. Number of residents/occupants between October 1 and December 31 who have ever received a pneumococcal (pneumonia) vaccination:	6,382	44.18%
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6. Are all residents/occupants screened for pneumococcal (pneumonia) vaccination?	Yes	195	72.49%
	No	74	27.51%

IF YES, is recall or memory of vaccination accepted AND/OR is documentation of vaccination required?	Memory	168	86.15%
	Document	27	13.85%

7. Are recommended vaccines administered on-site in this facility?	Yes	258	95.91%
	No	11	4.09%

IF YES, are vaccines administered by facility staff, OR by a scheduled clinic conducted by an outside service?	Facility	120	46.51%
	Outside	138	53.49%

8. Is an immunization history (complete record of all immunizations) obtained and kept on file for all residents/occupants in this facility?	Facility	Yes	42	15.61%
		No	227	84.39%
	Residents	Yes	1,694	11.73%
		No	12,750	88.27%

IF YES, number of residents who have a current Td (Tetanus/diphtheria) vaccination:	777	45.87%
Or Tdap (Tetanus/diphtheria/pertussis)	54	0.37%

IF YES, number of residents who have received a varicella zoster (shingles) vaccination:	0	0.00%
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IF YES, number of residents who have received a varicella (chickenpox) vaccination:	34	2.01%
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IF YES, number of residents who have received the hepatitis B Series:	384	22.67%
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IF YES, number of residents who have received the hepatitis A Series:	419	24.73%
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9. Number of residents/occupants who declined an influenza vaccination:	2,787	19.30%
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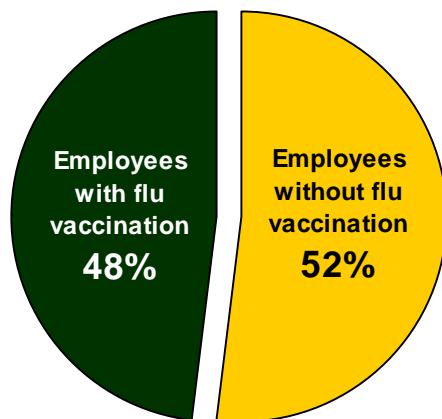
10. Number of residents/occupants who declined a pneumococcal (pneumonia) vaccination:	4,153	28.75%
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11. Does your facility provide waivers to document declined vaccinations for residents/occupants?	Yes	175	65.06%
	No	94	34.94%

EMPLOYEES:

12. Number of all employees working in this facility between October 1 and December 31:	15,796
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13. Number of employees who have received an influenza vaccination:	7,550	47.80%
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14. Number of employees who declined an influenza vaccination:	7,172	45.40%
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15. Are employees required to receive influenza vaccinations in this facility?	Yes	19	7.06%
	No	250	92.94%

16. Is an immunization history (complete record of all immunizations) obtained and kept on file for all employees in this facility?	Yes	112	41.64%
	No	157	58.36%

17. Number of employees in your facility who work directly with patients:	10,807	68.42%	
18. Number of employees in direct patient care who have completed the hepatitis B series:	5,437	50.31%	
19. Does your facility provide waivers to document declined vaccinations for employees?	Yes	155	57.62%
	No	114	42.38%

LONG TERM CARE FACILITY RATES BY HEALTH DISTRICT:

Bear River Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	17	NA	NA	NA
Residents	761	71.7% (+1.2%)	63.1% (+2.5%)	NA
Employees:				
All	1240	42.5% (-0.6%)	NA	NA
Direct Patient Care	861	NA	NA	52.5% (+3.4%)

*Box Elder, Cache and Rich Counties

Central Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	16	NA	NA	NA
Residents	337	82.8% (+0.2%)	68.8% (+13.0%)	NA
Employees:				
All	494	73.3% (-4.7%)	NA	NA
Direct Patient Care	348	NA	NA	68.1% (-20.7%)

*Juab, Millard, Piute, Sanpete, Sevier and Wayne Counties

Davis County Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	22	NA	NA	NA
Residents	1375	69.5% (-4.2%)	35.5% (+5.1%)	NA
Employees:				
All	1555	37.8% (-8.3%)	NA	NA
Direct Patient Care	940	NA	NA	29.3% (-27.0%)

*Davis County

¹ Percentage of drop in vaccination coverage level from 2006 to 2007 indicated in red. Percentage of increase indicated in blue.

Salt Lake Valley Health District *				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	81	NA	NA	NA
Residents	5604	72.2% (+5.3%)	38.7% (-0.8%)	NA
Employees:				
All	5228	43.9% (+1.3%)	NA	NA
Direct Patient Care	3383	NA	NA	49.4% (-3.5%)

*Salt Lake County

Southeastern Utah Health District *				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	7	NA	NA	NA
Residents	293	81.6% (-9.1%)	49.5% (+0.9%)	NA
Employees:				
All	339	56.3% (+15.1%)	NA	NA
Direct Patient Care	230	NA	NA	45.7% (-15.4%)

*Carbon, Emery, Grand and San Juan Counties

Southwest Utah Health District *				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	35	NA	NA	NA
Residents	1692	55.0% (-19.6%)	31.0% (-7.0%)	NA
Employees:				
All	1535	52.8% (-6.2%)	NA	NA
Direct Patient Care	985	NA	NA	52.0% (-14.3%)

*Beaver, Garfield, Iron, Kane and Washington Counties

Summit Health District *				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	1	NA	NA	NA
Residents	33	75.8% (-4.8%)	39.4% (-32.8%)	NA
Employees:				
All	34	52.9% (+19.6%)	NA	NA
Direct Patient Care	22	NA	NA	40.9% (+/- NA)

*Summit County

¹ Percentage of drop in vaccination coverage level from 2006 to 2007 indicated in red. Percentage of increase indicated in blue.

Tooele Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	4	NA	NA	NA
Residents	133	92.5% (+0.7%)	57.1% (-10.7%)	NA
Employees:				
All	485	63.3% (-18.3%)	NA	NA
Direct Patient Care	403	NA	NA	83.9% (+40.0%)

*Tooele County

TriCounty Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	5	NA	NA	NA
Residents	242	78.5% (-1.8%)	56.2% (+24.7%)	NA
Employees:				
All	520	60.2% (+0.2%)	NA	NA
Direct Patient Care	354	NA	NA	64.7% (+3.2%)

*Daggett, Duchesne and Uintah Counties

Utah County Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	58	NA	NA	NA
Residents	2314	77.4% (+1.0%)	59.1% (+1.1%)	NA
Employees:				
All	2813	48.4% (+2.8%)	NA	NA
Direct Patient Care	2154	NA	NA	47.9% (-5.1%)

*Utah County

Wasatch County Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	2	NA	NA	NA
Residents	45	91.1% (-8.9%)	73.3% (-19.3%)	NA
Employees:				
All	45	68.9% (+43.3%)	NA	NA
Direct Patient Care	28	NA	NA	25.0% (-27.6%)

*Wasatch County

¹ Percentage of drop in vaccination coverage level from 2006 to 2007 indicated in red. Percentage of increase indicated in blue.

Weber-Morgan Health District*				
	Number	Influenza ¹	Pneumococcal ¹	Hepatitis B ¹
Facilities	21	NA	NA	NA
Residents	1615	72.4% (-2.1%)	44.6% (+3.4%)	NA
Employees:				
All	1508	46.4% (+0.4%)	NA	NA
Direct Patient Care	1099	NA	NA	51.9% (-12.1%)

*Morgan and Weber Counties

¹ Percentage of drop in vaccination coverage level from 2006 to 2007 indicated in red. Percentage of increase indicated in blue.

COMPARATIVE DATA:

Influenza Vaccine Coverage

Year	U.S. BRFSS ¹ for Flu	Utah BRFSS ¹ for Flu	Utah LTC Rate ² for Flu
2004	68.0%	75.5%	71.8%
2005	65.7%	69.6%	72.6%
2006	69.6%	72.1%	72.0%
2007	72.0%	76.2%	71.6%

Pneumococcal Polysaccharide Vaccine (PPV) Coverage

Year	U.S. BRFSS ¹ for PPV	Utah BRFSS ¹ for PPV	Utah LTC Rate ² for PPV
2004	64.7%	65.8%	27.4%
2005	65.9%	66.4%	40.3%
2006	66.9%	65.9%	44.1%
2007	67.3%	68.8%	44.2%

¹ Behavioral Risk Factor Surveillance Survey rate: the percentage of surveyed non-institutionalized persons aged 65 years and older who have received vaccination.

² Long Term Care Facility rate: the percentage of residents/occupants of nursing homes, assisted living facilities, small care facilities and hospital swing beds who have received vaccination.

Influenza Vaccine Coverage for Health Care Personnel (HCP) ¹

Year	U.S. HCP ²	Utah Hospital HCP ³	Utah LTC HCP ⁴
2002	40%	58.0%	NA
2003	40%	NA	46.2%
2004	42% ⁵	55.0%	39.4%
2005	42% ⁵	NA	45.8%
2006	42% ⁵	NA	48.2%
2007	42% ⁵	72.3%	47.8%

- ¹ "The term HCP refers to all paid and unpaid persons working in health care settings who have the potential for exposure to infectious materials, including body substances, contaminated medical supplies and equipment, contaminated environmental surfaces, or contaminated air. Health Care Personnel (HCP) might include (but are not limited to) physicians, nurses, nursing assistants, therapists, technicians, emergency medical service personnel, dental personnel, pharmacists, laboratory personnel, autopsy personnel, students and trainees, contractual staff not employed by the health care facility, and persons (e.g., clerical, dietary, housekeeping, maintenance, and volunteers) not directly involved in patient care but potentially exposed to infectious agents that can be transmitted to and from HCP. The recommendations apply to HCP in acute care hospitals, nursing homes, skilled nursing facilities, physician's offices, urgent care centers, outpatient clinics, and to persons who provide home health care and emergency medical services." *Influenza Vaccination of Health-Care Personnel* (MMWR 2006;55:1)
- ² "During 1989-2003, HCP vaccination coverage levels in the United States increased substantially, from 10% to 40%; however, coverage levels have remained relatively constant since 1997.....Substantially lower vaccination rates have been reported among HCP who have contact with certain populations at high risk. In addition, HCP vaccination coverage varies by level and years of training, age, occupational group, and facility type." *Influenza Vaccination of Health-Care Personnel* (MMWR 2006;55:4).
- ³ Utah hospitals were surveyed by the Utah Immunization Program in 2002 and 2004. This rate is based on the ratio of the total number of employees to the number of vaccinated employees. The rate for hospital HCP in 2007 was collected through a new epidemiology infectious disease reporting system. The rate for 2007 represents 52 out of 56 hospitals.
- ⁴ Percentage is taken from the ratio of total employees to the number of vaccinated employees as reported in the *Immunization Report for Long Term Care Facilities* from 2003 through 2007. Reporting began in 2003.
- ⁵ Percentage changed from the *Immunization Report for Long Term Care Facilities 2005* due to updated national immunization coverage data cited in *Prevention and Control of Influenza* (MMWR 2007;55:10). The new coverage rate is cited from an unpublished study of the 2004 National Health Interview Survey (NHIS) analyzed in 2006 by the Centers for Disease Control and Prevention (CDC) that was published in 2007. The data indicate a 42% influenza vaccination coverage level among HCP in 2004. This remains the most current national rate available.